

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050198287").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/16 17:06
S2	3	(trojan adj horse virus) same (web adj page link) same download same (activex COM adj object)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 13:29
S5	3	US-5675520-\$ DID. OR US-6061695-\$ DID. OR US-6649714-\$ DID.	US-PGPUB; USPAT	OR	ON	2006/08/14 13:18
S6	4	US-5675520-\$ DID. OR US-6061695-\$ DID. OR US-6124856-\$ DID. OR US-6649714-\$ DID.	US-PGPUB; USPAT	OR	ON	2006/08/14 13:20
S7	1	("20030098883").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/14 13:22
S8	2	(("20040083474") or ("6605120")).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/14 13:26
S9	1	("6366912").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/14 13:26
S10	14	("6366912").URPN.	USPAT	OR	ON	2006/08/14 13:27
S11	15	("5678041"   "5684951"   "5696898"   "5796942"   "5828893"   "5835726"   "5919247"   "5930792"   "5940843"   "5958005"   "5958051"   "5963142"   "5987611"   "5991878"   "6154751").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 13:28
S12	70	(trojan adj horse virus) same (web adj page link) same download	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 13:54
S13	39	(trust) same (web adj page link) same download	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:35
S14	1	("6324553").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:04
S15	5	("6324553").URPN.	USPAT	OR	ON	2006/08/14 14:05

## EAST Search History

S16	22	("5339389"   "5826025"   "5835722"   "5845084"   "5848418"   "5860074"   "5862325"   "5870559"   "5890164"   "5890172"   "5893109"   "5896502"   "5907681"   "5918224"   "5918237"   "5930808"   "5959623"   "5987504"   "6032182"   "6088717"   "6122657"   "6226642").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 14:08
S17	716	((726/23) or (726/24)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:39
S18	411	(726/23).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:08
S19	59	S17 and trust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:09
S20	181	S17 and trust\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:10
S21	184	S17 and trust\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:10
S22	0	("6804780").URPN.	USPAT	OR	ON	2006/08/14 14:25
S23	34	("5077677"   "5359659"   "5361359"   "5485409"   "5485575"   "5572643"   "5579509"   "5606668"   "5623600"   "5638446"   "5692047"   "5692124"   "5720033"   "5724425"   "5740248"   "5761421"   "5765205"   "5784459"   "5796952"   "5805829"   "5832208"   "5832274"   "5850559"   "5859966"   "5864683"   "5892904"   "5951698"   "5956481"   "5974549"   "5978484"   "5983348"   "6092194"   "6154844"   "6339829").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 14:25
S24	59	("5974549").URPN.	USPAT	OR	ON	2006/08/14 14:29

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S26	45	("6092194").URPN.	USPAT	OR	ON	2006/08/14 14:31
S27	21	("5077677"   "5361359"   "5485409"   "5485575"   "5572643"   "5623600"   "5638446"   "5692047"   "5692124"   "5720033"   "5724425"   "5740248"   "5761421"   "5765205"   "5784459"   "5796952"   "5805829"   "5832208"   "5850559"   "5864683"   "5892904").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 14:34
S28	75	(trust\$10) same (web adj page link) same download not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:41
S29	2	(trust adj level) same (web adj page link) same download same object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:38
S30	2	(trust adj level) same (web adj page link) same download\$3 same (object activeX applet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:38
S31	636	(726/22).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:39
S32	198	S31 and trust\$10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:40
S33	25	(trust\$10) same (web adj page link) same download\$3 same certificate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:58

## EAST Search History

S34	0	(trust\$10) same (web adj page link) same download\$3 same certificate same upgrade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:59
S35	18	(trust\$10) same download\$3 same certificate same upgrade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:59
S36	13	("6341373").URPN.	USPAT	OR	ON	2006/08/14 15:00
S37	10	(trust adj level certificate access adj list) with popup	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:18
S38	992	(trust adj level certificate access adj list) with link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:19
S39	40	(trust adj level certificate access adj list) with link same web adj page	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:41
S40	376	(trust adj level certificate access adj list) with link same secur\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:42
S41	206	(trust) with link same secur\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:42
S42	190	(trust) with link same secur\$4 and (internet web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:43

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S43	11	(trust) with link same secur\$4 same (internet web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:45
S44	842	link with virus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:46
S45	18	link with virus with web	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:46
S46	19	trust adj level same upgrade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 17:18
S47	1	("6341373").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/16 17:18
S48	13	("6341373").URPN.	USPAT	OR	ON	2006/08/16 20:39
S49	2	modal adj prompt and modeless adj prompt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 20:39
S50	8	modal adj prompt modeless adj prompt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 20:39


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### [1 Customization 1: Automation and customization of rendered web pages](#)

Michael Bolin, Matthew Webber, Philip Rha, Tom Wilson, Robert C. Miller  
October 2005 **Proceedings of the 18th annual ACM symposium on User interface software and technology UIST '05**

Publisher: ACM Press

 Full text available: [pdf\(804.45 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

On the desktop, an application can expect to control its user interface down to the last pixel, but on the World Wide Web, a content provider has no control over how the client will view the page, once delivered to the browser. This creates an opportunity for end-users who want to automate and customize their web experiences, but the growing complexity of web pages and standards prevents most users from realizing this opportunity. We describe Chickenfoot, a programming system embedded in the Fir ...

**Keywords:** web automation, web browsers

### [2 Research track paper: Web object indexing using domain knowledge](#)

Muyuan Wang, Zhiwei Li, Lie Lu, Wei-Ying Ma, Naiyao Zhang  
August 2005 **Proceeding of the eleventh ACM SIGKDD international conference on Knowledge discovery in data mining KDD '05**

Publisher: ACM Press

 Full text available: [pdf\(1.23 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A web object is defined to represent any meaningful object embedded in web pages (e.g. images, music) or pointed to by hyperlinks (e.g. downloadable files). In many cases, users would like to search for information of a certain 'object', rather than a web page containing the query terms. To facilitate web object searching and organizing, in this paper, we propose a novel approach to web object indexing, by discovering its inherent structure information with existed domain knowledge. In our appro ...

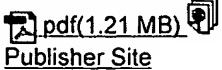
**Keywords:** confidence propagation, domain knowledge, indexing, information retrieval, latent semantic indexing, link analysis, music indexing, web object

### [3 Techniques for trusted software engineering](#)

Premkumar T. Devanbu, Philip W-L Fong, Stuart G. Stubblebine  
April 1998 **Proceedings of the 20th international conference on Software engineering**

**Publisher:** IEEE Computer Society

Full text available:



Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

[Publisher Site](#)

**4 Innovation, management & strategy: Evaluation of website trustworthiness from**



**customer perspective, a framework**

 Victor A. Tsygankov

March 2004 **Proceedings of the 6th international conference on Electronic commerce ICEC '04**

**Publisher:** ACM Press

Full text available:



Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The current paper was written to explain the theoretical basis of the trust evaluative framework, which would be used to review the commercial websites trustworthiness from the customer perspective. The framework contains 20 evaluation positions, scrutinizing a website for design features, corporate image integrity, business processes transparency, customer support, security features and legal support. The actual testing of proposed method is taking place at the moment. First case studies have s ...

**5 Trusted paths for browsers**



 Zishuang (Eileen) Ye, Sean Smith, Denise Anthony

May 2005 **ACM Transactions on Information and System Security (TISSEC)**, Volume 8 Issue 2

**Publisher:** ACM Press

Full text available:



Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Computer security protocols usually terminate in a computer; however, the human-based services which they support usually terminate in a human. The gap between the human and the computer creates potential for security problems. We examine this gap, as it is manifested in secure Web servers. Felten et al. demonstrated the potential, in 1996, for malicious servers to impersonate honest servers. In this paper, we show how malicious servers can still do this---and can also forge the existence of an ...

**Keywords:** HCISEC, Trust path, Web browser security

**6 Computer security (SEC): Noxes: a client-side solution for mitigating cross-site**



**scripting attacks**

 Engin Kirda, Christopher Kruegel, Giovanni Vigna, Nenad Jovanovic

April 2006 **Proceedings of the 2006 ACM symposium on Applied computing SAC '06**

**Publisher:** ACM Press

Full text available:



Additional Information: [full citation](#), [abstract](#), [references](#)

Web applications are becoming the dominant way to provide access to on-line services. At the same time, web application vulnerabilities are being discovered and disclosed at an alarming rate. Web applications often make use of JavaScript code that is embedded into web pages to support dynamic client-side behavior. This script code is executed in the context of the user's web browser. To protect the user's environment from malicious JavaScript code, a sand-boxing mechanism is used that limits a p ...

**7 Bazaars, services, and systems: MoB: a mobile bazaar for wide-area wireless**



**services**

 Rajiv Chakravorty, Sulabh Agarwal, Suman Banerjee, Ian Pratt

August 2005 **Proceedings of the 11th annual international conference on Mobile**

### computing and networking MobiCom '05

Publisher: ACM Press

Full text available: [pdf\(344.72 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We introduce MoB, an infrastructure for collaborative wide-area wireless data services. MoB proposes to change the current model of data services in the following fundamental ways: (1) it decouples infrastructure providers from services providers and enables fine-grained competition, (2) it allows service interactions on arbitrary timescales, and, (3) it promotes flexible composition of these fine-grained service interactions based on user and application needs. At the heart of MoB is an open mar ...

**Keywords:** incentives, reputation, wide-area wireless, wireless services

### 8 Measuring and characterizing end-to-end Internet service performance



Ludmila Cherkasova, Yun Fu, Wenting Tang, Amin Vahdat

November 2003 **ACM Transactions on Internet Technology (TOIT)**, Volume 3 Issue 4

Publisher: ACM Press

Full text available: [pdf\(1.46 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Fundamental to the design of reliable, high-performance network services is an understanding of the performance characteristics of the service as perceived by the client population as a whole. Understanding and measuring such end-to-end service performance is a challenging task. Current techniques include periodic sampling of service characteristics from strategic locations in the network and instrumenting Web pages with code that reports client-perceived latency back to a performance server. Li ...

**Keywords:** End-to-end service performance, QoS, network packet traces, passive monitoring, reconstruction of web page composition, web site performance

### 9 Programming languages for mobile code



Tommy Thorn

September 1997 **ACM Computing Surveys (CSUR)**, Volume 29 Issue 3

Publisher: ACM Press

Full text available: [pdf\(393.65 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Sun's announcement of the programming language Java more than anything popularized the notion of mobile code, that is, programs traveling on a heterogeneous network and automatically executing upon arrival at the destination. We describe several classes of mobile code and extract their common characteristics, where security proves to be one of the major concerns. With these characteristics as reference points, we examine six representative languages proposed for mobile code. The conclusion ...

**Keywords:** Java, Limbo, Objective Caml, Obliq, Safe-Tcl, distribution, formal methods, mobile code, network programming, object orientation, portability, safety, security, telescript

### 10 Semantic interfaces and OWL tools: How to make a semantic web browser



D. A. Quan, R. Karger

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Publisher: ACM Press

Full text available: [pdf\(484.00 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Two important architectural choices underlie the success of the Web: numerous, independently operated servers speak a common protocol, and a single type of client the Web browser provides point-and-click access to the content and services on these decentralized servers. However, because HTML marries content and presentation into a single representation, end users are often stuck with inappropriate choices made by the Web site designer of how to work with and view the content. RDF metadata on the ...

**Keywords:** bioinformatics, rdf, semantic web, user interface, web services

**11 Papers: task and resource allocation II: Adaptive sharing of large resources in P2P** 

 **task and resource allocation II: Adaptive sharing of large resources in P2P networks**

Prithviraj Dasgupta

July 2005 **Proceedings of the fourth international joint conference on Autonomous agents and multiagent systems AAMAS '05**

**Publisher:** ACM Press

Full text available:  pdf(358.31 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A peer-to-peer(P2P) system comprises a network of nodes that are capable of sharing and exchanging resources with one another. Recent studies of P2P networks show that many resources exchanged between users are considerably large files that require significant download times, consume the majority of the network bandwidth, and also occupy substantial storage space on the node providing the resource. In such a scenario, it would be inefficient for a node to store a large resource that is rarely, o ...

**Keywords:** peer-to-peer networks, probabilistic sharing, resource management, revelation mechanism

**12 Content-triggered trust negotiation** 

 Adam Hess, Jason Holt, Jared Jacobson, Kent E. Seamons

August 2004 **ACM Transactions on Information and System Security (TISSEC)**, Volume 7 Issue 3

**Publisher:** ACM Press

Full text available:  pdf(815.36 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The focus of access control in client/server environments is on protecting sensitive server resources by determining whether or not a client is authorized to access those resources. The set of resources is usually static, and an access control policy associated with each resource specifies who is authorized to access the resource. In this article, we turn the traditional client/server access control model on its head and address how to protect the sensitive content that clients disclose to and r ...

**Keywords:** Trust negotiation, access control, authentication, credentials

**13 Security issues surrounding programming languages for mobile code: JAVA vs. Safe-Tcl** 

 **Tcl**

Stefanos Gritzalis, George Aggelis

April 1998 **ACM SIGOPS Operating Systems Review**, Volume 32 Issue 2

**Publisher:** ACM Press

Full text available:  pdf(1.42 MB) Additional Information: [full citation](#), [abstract](#), [references](#)

JAVA is claimed to be a system programming language having a number of advantages over traditional programming languages. These advantages stem from the fact that it is a platform - independent language, thus promising truly network oriented computing as long as a nearly universal system for distributing applications. On the other hand,

although being an interpreted, much simpler, scripting language, Safe-Tcl was proposed as an executable contents type of MIME and thus as the standard language f ...

14 [Netscape Plug-Ins](#)

Larry Hoff

September 1999 **Linux Journal**

**Publisher:** Specialized Systems Consultants, Inc.

Full text available: [html\(21.15 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Extending Netscape's ability to handle additional file formats

15 [Audio enriched links: web page previews for blind users](#)

 Peter Parente

September 2003 **ACM SIGACCESS Accessibility and Computing , Proceedings of the 6th international ACM SIGACCESS conference on Computers and accessibility Assets '04**, Issue 77-78

**Publisher:** ACM Press

Full text available: [pdf\(229.96 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Audio Enriched Links provide previews of linked web pages to users with visual impairments. Before a user follows a hyperlink, the Audio Enriched Links software presents a spoken summary of the next page including its title, its relation to the current page, statistics about its content, and some highlights from its content. We believe that such a summary may be a useful surrogate for a full web page, and help users with visual impairments decide whether or not to spend time visiting a linked ...

**Keywords:** accessibility, speech preview, visual impairment, web page preview

16 [Javelin++: scalability issues in global computing](#)

 Michael O. Neary, Sean P. Brydon, Paul Kmiec, Sami Rollins, Peter Cappello

June 1999 **Proceedings of the ACM 1999 conference on Java Grande**

**Publisher:** ACM Press

Full text available: [pdf\(1.34 MB\)](#) Additional Information: [full citation](#), [references](#), [citings](#), [index terms](#)

17 [Toward a model of self-administering data](#)

 ByungHoon Kang, Robert Wilensky0

January 2001 **Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries**

**Publisher:** ACM Press

Full text available: [pdf\(308.08 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We describe a model of self-administering data. In this model, a declarative description of how a data object should behave is attached to the object, either by a user or by a data input device. A widespread infrastructure of self-administering data handlers is presumed to exist; these handlers are responsible for carrying out the specifications attached to the data. Typically, the specifications express how and to whom the data should be transferred, how it should be incorporated when it i ...

**Keywords:** asynchonous collaboration, data access model, data management, distributed file system, file sharing, peer to peer, scalable update propagation, self-administering data

**18 A simple virtual organisation model and practical implementation**

Lyle J. Winton

January 2005 **Proceedings of the 2005 Australasian workshop on Grid computing and e-research - Volume 44 ACSW Frontiers '05**

Publisher: Australian Computer Society, Inc.

Full text available: [pdf\(315.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

The development of Grid middleware, such as the Globus Toolkit version 2, reached a level of maturity and stability in which it was possible to create widely distributed resource Grids. Within the last few years various experiences have arisen from the construction of such Grids and so called "testbeds". The purpose of this paper is to highlight some of the problems, propose some simple solutions, and to report on the development of prototype implementations. The focus of this paper is on soluti ...

**Keywords:** computing, globus, grid, virtual organisations

**19 Mobility and Wireless Access: A web middleware architecture for dynamic****customization of content for wireless clients**

Jesse Steinberg, Joseph Pasquale

May 2002 **Proceedings of the 11th international conference on World Wide Web**

Publisher: ACM Press

Full text available: [pdf\(224.43 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We present a new Web middleware architecture that allows users to customize their view of the Web for optimal interaction and system operation when using non-traditional resource-limited client machines such as wireless PDAs (personal digital assistants). Web Stream Customizers (WSC) are dynamically deployable software modules and can be strategically located between client and server to achieve improvements in performance, reliability, or security. An important design feature is that Customizer ...

**Keywords:** HTTP, middleware, mobile code, proxy, wireless

**20 Performance Workload Char. and Adaptation: Improving web performance by client****characterization driven server adaptation**

Balachander Krishnamurthy, Craig E. Wills

May 2002 **Proceedings of the 11th international conference on World Wide Web**

Publisher: ACM Press

Full text available: [pdf\(241.76 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We categorize the set of clients communicating with a server on the Web based on information that can be determined by the server. The Web server uses the information to direct tailored actions. Users with poor connectivity may choose not to stay at a Web site if it takes a long time to receive a page, even if the Web server at the site is not the bottleneck. Retaining such clients may be of interest to a Web site. Better connected clients can receive enhanced representations of Web pages, such ...

**Keywords:** client characterization, client connectivity, server adaptation

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